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(71)(72) Applicant and Inventor: SALIM, Aws, Shakir, Mustafa [IQ/GB]; 2 Dene Walk, Bishopbriggs, Glasgow G64 1LQ (GB).

(74) Agents: McCALLUM, William, Potter et al.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

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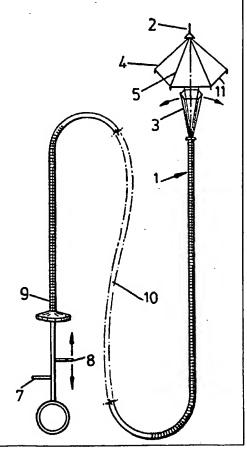
With international search report.

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(54) Title: RECTAL AND RECTOSIGMOID CANCER TUNNELLING UMBRELLA

(57) Abstract

The present invention provides a diathermy tunnelling umbrella device usable via the biopsy channel of an endoscope or through a proctoscope or a rigid sigmoidoscope. The device has remotely operable first and second opposed collapsible umbrella means with a diathermic distal end cutting and coagulating tip. A plurality of spaced apart diathermic cutting and coagulating spokes of the first umbrella means extend rearwardly from the tip towards the second umbrella means. The second umbrella means has a plurality of spaced apart diathermic cutting and coagulating spokes extending forwardly towards the first umbrella means. In use the device tip is advanced by diathermic cutting therewith into a growth with the umbrella means in substantially collapsed condition, at least one of the umbrella means is opened out by diathermic cutting of the spokes thereof generally radially outwardly into the growth, and the umbrella means manipulated by rotation and/or upward and downward movements for further diathermic cutting into said growth.



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INTERNATIONAL SEARCH REPORT

Inter mal Application No
PCT/GB 94/01537

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B. FIELDS	SEARCHED				
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Documentat	uon searched other than minimum documentation to the extent the	at such documents are included in the fields searched			
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Category *	Citation of document, with indication, where appropriate, of the	relevant passages Relevant to claim No.			
A	US,A,5 154 724 (ANDREWS) 13 Octosee abstract; figure 11				
A	US,A,4 976 711 (PARINS) 11 Dece see column 7, paragraph 2; figu	mber 1990 res 6,8,9			
A	US,A,3 874 388 (KING) 1 April 1 see abstract; figure 9F				
A	EP,A,O 189 329 (FISCHELL) 30 Ju	ly 1986			
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		Palent family members are listed in annex.			
Fur	ther documents are listed in the continuation of box C.	Patent family members are listed in annex.			
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'P' docum	means ment published prior to the international filing date but than the priority date claimed	in the art. *& document member of the same patent family Date of mailing of the international search report			
1	e actual completion of the international search				
	14 December 1994	2 3 12 94			
Name and	I mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
	NI 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tr. 31 651 epo nl, Faw (+ 31-70) 340-3016	Barton, S			

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB94/01537

Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
rnational search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: 11 because they relate to subject matter not required to be searched by this Authority, namely. see Rule 39.1 (iv) PCT
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
ternational Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
As all searchable claims could be searches without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims, it is covered by claims Nos.:
The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

aformation on patent family members

Inter mal Application No
PCT/GB 94/01537

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Form PCT/ISA/210 (patent family annex) (July 1992)